

SUBSTITUTE ABSTRACT

ABSTRACT OF THE DISCLOSURE

An easily connected and separated columnar coupler structure comprising a first columnar coupler, for which a bolt is secured within a cylindrical joint end; a second columnar coupler, for which a nut, sized to mate the bolt, is secured within a cylindrical joint end; and a connection adaptor, having a shape and a size that permits both ends to engage the cylindrical portions of the columnar couplers, in which a bolt through-hole is formed into which, the bolt can be inserted and on which an annular projection having a greater diameter than the inner diameters of the columnar couplers is provided at an intermediate portion, wherein the columnar couplers are interconnected with the connection adaptor positioned in between. By using these columnar couplers, hollow columnar members having a cross section in a circular shape or in another shape can be tightly connected, and can be easily separated.